Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 21 Oct 2023 until 23:59 on Sunday 22 Oct 2023

Forecast Issued on Saturday 21 Oct 2023 at 04:00

Confidence: High for improving conditions through today, and for a better day on Sunday, but lower for daily details from Monday.

Headline for Saturday 21 Oct 2023: Cloudy with outbreaks of mostly light rain and some hill fog, lighter winds.

Mountain weather hazards on Saturday 21 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
90%	60%	40%	20%	10%	20%

Forecast for Saturday 21 Oct 2023

Weather: Cloudy with rain at first, still locally heavy but becoming lighter through this morning as the rain clears southeastwards. Extensive hill fog at first, and following the rain, before brighter conditions gradually develop this afternoon. Mostly dry this evening with patchy cloud and clear spells, just a small chance of a shower.

Chance of cloud-free hill tops above 600m: 10% improving 90% this afternoon and evening.

Low cloud and visibility: Cloud generally at 300-400m this morning, then gradually lifting and breaking this afternoon above the hill tops. Visibility below cloud mostly good, but occasionally moderate or poor in any heavier rain or drizzle, and very poor with hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 21 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 N	7/9 NW	10/13 W	13/17 W	12/18 W	13/18 W	15/20 W
300	4/6 NW	6/8 NW	7/10 W	10/15 NW	9/15 W	10/16 W	11/18 SW
Valley	4/9 N	5/7 NW	6/10 W	8/15 NW	6/13 W	5/13 W	6/15 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	6/4	6/4	7/3	6/2	5/1	5/0
300	7/6	8/6	9/7	9/7	8/6	7/5	7/4
Valley	8/7	8/7	9/8	10/8	9/7	8/6	7/6
Freezing Level*	1700m	1700m	1800m	1600m	1500m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

After exceptional rainfall amounts saturated ground conditions will make for heavy going, with watercourses in full spate and some access roads probably flooded.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 21 Oct 2023	N/A	N/A	N/A

Forecast for Sunday 22 Oct 2023

Weather: Areas of cloud and clear or sunny spells, but mainly dry with only a small chance of an isolated shower overnight and through the morning across western areas.

Maximum wind: Westerly 15 gusts 25mph.

Chance of cloud-free hill tops above 600m: 80% in early hours then 95%.

Low cloud and visibility: Patchy cloud at 600m in early hours then no low cloud and very good visibility by day.

Temperature: **Valleys:** Plus 6 Celsius at dawn rising to Plus 13 in the afternoon.
At 600m: Plus 3 to 7 Celsius.
Freezing level: Above the summits.

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